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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/616,582	07/09/2003	Eric Raffaele	B-4504DIV 621038-6	1312

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HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P.O. Box 272400  
Fort Collins, CO 80527-2400

EXAMINER
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GORTAYO, DANGELINO N

ART UNIT	PAPER NUMBER
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2168

MAIL DATE	DELIVERY MODE
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08/08/2007

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	Application No. 10/616,582	Applicant(s) RAFFAELE ET AL.	
	Examiner Dangelino N. Gortayo	Art Unit 2168	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 11 May 2007.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-3, 12, 13, 15 and 16 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-3, 12, 13, 15 and 16 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 09 July 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)                                | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

### **DETAILED ACTION**

1. Claims 1-3, 12, 13, 15, and 16 are pending in this application.

#### ***Continued Examination Under 37 CFR 1.114***

2. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 10/31/2006 has been entered.

#### ***Claim Rejections - 35 USC § 102***

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

4. Claims 1-3, 13, 15, and 16 are rejected under 35 U.S.C. 102(e) as being anticipated by Kraenzel et al. ("Kraenzel" US Patent 6,854,016 B1)

**As per claim 1, Kraenzel teaches** "A process for executing a downloadable service with specific access rights to at least one profile file in a user's computer, said computer comprising a web browser communication to the Internet or intranet via a first communication port and socket," (see Abstract, column 2 lines 7-19, lines 40-54)

"said process comprising: arranging a continued run time environment which is assigned a second communication port and socket" (column 5 lines 12-29, column 8 lines 33-54, column 9 lines 5-15, lines 27-33, lines 48-54, column 32 lines 54-64, column 43 lines 37-52, wherein a Service Manager user Interface is used with Domino Offline Services to provide a platform for services and application processes from server to run in a client, communication established through a secure socket layer that assigns specific secure sockets to communication to load from database to client browser) "and provided with restricted access to at least one profile file that is located on the user's computer;" (column 12 line 66 – column 13 line 16, column 13 lines 27-35, wherein stored client information stored in the client is selectively accessible based on subscription information)

"downloading said service through said second communication port so that it is received by said confined run time environment;" (column 33 line 64 – column 34 line 19, column 35 lines 41-59, wherein the user interface downloads file sets representing services to a client)

"and executing said service within said confined run time environment whereby said service is given restricted access to said at least one profile file." (column 15 lines

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17-27, column 36 lines 57-64, column 37 lines 9-20, wherein the client renders the downloaded files by executing the services downloaded)

**As per claim 2, Kraenzel** teaches "said confined run time environment is an extended sandbox having restrictive access to said at least one profile file." (column 33 lines 7-37))

**As per claim 3, Kraenzel** teaches "the service is downloaded under the form of a set of java code containing class structures packaged within a signed archive file; the service comprising: remote Internet data, a list of requested data that are needed to personalise the service, and code to sort remote Internet data using requested accessible data." (column 15 lines 15-27)

**As per claim 13,** the claim is rejected on the same grounds of claim 1 above. Additionally, Kraenzel teaches "A transaction aid for assisting a transaction between an user and at least one remote server, said transaction aid comprising program code elements" (column 5 lines 32-45)

**As per claim 15,** the claim is rejected on the same grounds of claim 1 above. Additionally, Kraenzel teaches "A transaction aid computer program product having program code elements" (column 44 lines 33-44)

**As per claim 16, Kraenzel** teaches "A process for executing a downloadable service with specific access rights to at least one profile file in a user's computer, said computer comprising a web browser communication to the Internet or intranet via a first communication port and socket," (see Abstract, column 2 lines 7-19, lines 40-54)

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“said process comprising: arranging a continued run time environment which is assigned a second communication port and socket” (column 5 lines 12-29, column 8 lines 33-54, column 9 lines 5-15, lines 27-33, lines 48-54, column 32 lines 54-64, column 43 lines 37-52, wherein a Service Manager user Interface is used with Domino Offline Services to provide a platform for services and application processes from server to run in a client, communication established through a secure socket layer that assigns specific secure sockets to communication to load from database to client browser) “and provided with restricted access to at least one profile file that is located on the user’s computer;” (column 12 line 66 – column 13 line 16, column 13 lines 27-35, wherein stored client information stored in the client is selectively accessible based on subscription information)

“downloading said service through said second communication port so that it is received by said confined run time environment;” (column 33 line 64 – column 34 line 19, column 35 lines 41-59, wherein the user interface downloads file sets representing services to a client)

“and executing said service within said confined run time environment whereby said service is given restricted access to said at least one profile file.” (column 15 lines 17-27, column 36 lines 57-64, column 37 lines 9-20, wherein the client renders the downloaded files by executing the services downloaded)

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***Claim Rejections - 35 USC § 103***

5. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

6. Claim 12 is rejected under 35 U.S.C. 103(a) as being unpatentable over by Kraenzel et al. ("Kraenzel" US Patent 6,708,221 B1) in view of Tan ("Tan" US Publication 2001/0045451 A1)

**As per claim 12, Kraenzel discloses the claimed subject matter in claim 1 above.**

Kraenzel does not teach "said downloadable service is an authentication service cooperating with a smart card."

Tan teaches "said downloadable service is an authentication service cooperating with a smart card." (Abstract, paragraph 0010, 0026, 0028, wherein the execution of downloaded service by a client is authentication using a smart card). It would have been obvious at the time of the invention for one of ordinary skill in the art to combine Kraenzel's method of remote execution of services from a server based on user information on a client's computer with Tan's ability to authenticate a user's identity using data in a smart card. This gives the user the benefit of portability when trying to securely access services remotely. The motivation for doing so would be to provide a more robust security system when a user utilizes the Internet to access secure data by improving management of access to web servers (paragraph 0005, 0007).

***Response to Arguments***

7. Applicant's amendments, see page 4, filed 5/11/2007, with respect to the rejection of claim 16 under 35 USC 112, second paragraph have been fully considered and are persuasive. The rejection of claim 16 in regards to 35 USC 112, second paragraph has been withdrawn.

8. Applicant's arguments with respect to the rejection of claims 1-3, 12, 13, 15, and 16 under 35 U.S.S. 102(e) have been considered but are moot in view of the new ground(s) of rejection. An updated search revealed more relevant prior art.

***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Barlow et al. (US Patent 6,038,551 A)

Davis et al. (US Patent 6,088,805 A)

Urien (US Patent 6,944,650 B1)

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dangelino N. Gortayo whose telephone number is (571)272-7204. The examiner can normally be reached on M-F 7:30-4:30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tim T. Vo can be reached on (571)272-3642. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.



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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Dangelino N. Gortayo  
Examiner



Tim T. Vo  
SPE



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SUPERVISORY PATENT EXAMINER  
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